



Unit 12 Barratt Trading Estate, Denmore Road, Bridge of Don, Aberdeen AB23 8JW

X-Over User Manual

This Manual Covers the Following Part Numbers:

150-5537-HV0

This is a certified safety critical product and modifications or changes not authorised by Phuel Oil Tools may compromise the Safety, Functionality and Certification of the assembly.

Safety Considerations:

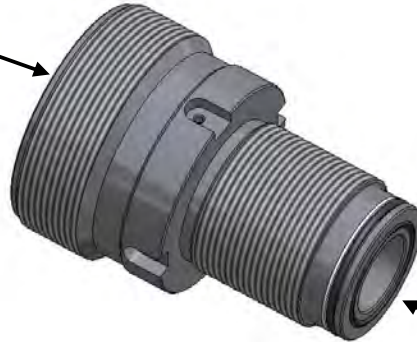
All pressure equipment has a particular pressure rating and care must be taken to ensure that no item is used in a situation that may cause its working pressure to be exceeded.

This equipment is heavy and should not be lifted without lifting aids

OPS-5537 REV A

Recommended Operation and Maintenance for a Typical Expro Style X-Over

Grease seal bore and Oil
threads before fitting thread
protectors



Grease seal and Oil threads
before fitting thread
protectors



Typical Identification Tag

Pre Job

- Check that the certification and scheduled maintenance is up to date.
- Examine the assembly, to make sure that it is good operating order, and seal areas and threads are not damaged.

Post Job

- After each job, the X-Over should be thoroughly cleaned and redressed if required.
- The X-Over should be protected against the effects of corrosion and damage.

Annually

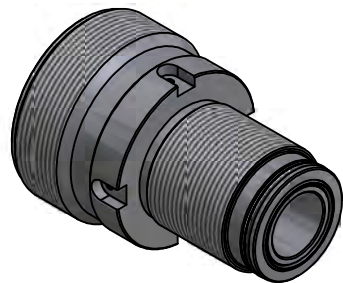
- Inspect the condition of sealing surfaces and surface coatings, and threads, repair/replace as necessary.
- Re-coat threads and sealing surfaces if necessary. Contact Phuel if in doubt.
- Pressure Test to 300 to 500 psi and to maximum working pressure.
- Inspect paintwork and repair where necessary.

Five Yearly

- Recertification by Phuel Oil Tools in accordance with DNV-RP-E101

Pressure Test

- Fit the appropriate test caps and fill with test fluid, bleeding off any air in the system
- Apply pressure between 300 to 500 psi and hold for a minimum of 10 minutes
- Increase pressure to Maximum Working Pressure, allow to stabilise and hold for 15 minutes with no visible leaks.
- Bleed off pressure, drain test fluid, and remove test caps and dry
- Apply coating of de-watering solution to protect the bore and threads, and fit thread protectors





User Manual - Bill of Material and Spares

Bill of Material – 150-5537-HV0

Item	Part Number	Description	Qty
1	150-5548-480	3 ID X-OVER 8-3/4-4 BOX X 5-3/4 SA PIN 15K BODY	1
2	801-0427-V90	O-Ring - B.S Size 427	1
3	801-0343-V90	O-Ring - B.S Size 343	1
4	801-5557-PEK	BACK UP (427)	1
98	910-4562-N66	PROTECTOR 8-3/4-4 ACME FEMALE	1
99	910-5565-N66	5-3/4 STUB ACME EXPRO STYLE PIN PROTECTOR	1

Spares

Use only spares supplied or approved by Phuel Oil Tools Ltd. O-Rings conform to industry standards and may be substituted with those from other suppliers — **at the sole risk of the user.**

Individual items may be ordered as required using the part number specified

Elastomeric spares are supplied in Viton and HNBR material as standard. Many other materials are available please specify when ordering.

It is recommended that sufficient quantities of the following spares be maintained to ensure that the equipment is always available when required.

Item	Part Number	Description	Qty
2	801-0427-V90	O-Ring - B.S Size 427	1
3	801-0343-V90	O-Ring - B.S Size 343	1
4	801-5557-PEK	BACK UP (427)	1

Redress Kit: RDK-5537-HV0